Recap

what are other words for recap?

recapitulation, recapitulate, review, summarize, summary, rundown, sum up, abstract, synopsis, summation
About the Course

• Course Website
  – https://courses.cs.ut.ee/2021/BCT/fall

• Lectures
  • Presented during lectures - uploaded to before the lecture

• Reading
  • Self-study material
  • Selected books and articles

• Submit
  • Place where you will be able to upload workshops solutions
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Topic</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2. September</td>
<td>Blockchain and Cryptocurrency</td>
<td>Workshop 1</td>
</tr>
<tr>
<td>3</td>
<td>16. September</td>
<td>Blockchain Use Cases</td>
<td>Workshop 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Blockchain-based System Design</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>30. September</td>
<td><strong>Guest lecture (Dr. Sabah Suhail)</strong></td>
<td>Test 1</td>
</tr>
<tr>
<td>7</td>
<td>14. October</td>
<td>Hyperledger Fabric (HLF) and Chaincode</td>
<td>Workshop 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ethereum and Smart contract</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>11. November</td>
<td>Blockchain Components and Security Method</td>
<td>Test 2</td>
</tr>
<tr>
<td>13</td>
<td>25. November</td>
<td>Security risk analysis of blockchain-based applications</td>
<td>Workshop 4</td>
</tr>
<tr>
<td>15</td>
<td>09. December</td>
<td>Security risk analysis of healthcare applications</td>
<td>Exam</td>
</tr>
</tbody>
</table>
Workload

3 ECTS = 78 hours of study
(1 ECTS = 26 hours of study)

• Lectures – 32 hours
• Independent work – 46 hours
  – Self-study
  – Preparation for presentation and two tests
  – Perform workshop assignments
Modalities and Assessment

- **2 Tests** – 15 points each, 10 points each
- **4 Workshops** – 10 points each
- **Final Report** – 20 points
- **Exam** – 10 points, 20 points each
Lecture #1

- Introduction to blockchain and cryptocurrency
- Workshop #1
Lecture #2

- Blockchain use cases
- Blockchain-based system design
- Surprise quiz
- Workshop #2
Lecture #3

- Guest lecture 1 (Dr. Sabah Suhail)
- Test #1
Lecture #4

- Hyperledger fabric (HLF) and chaincode
- Hyperledger fabric setup guide
- Ethereum and Smart contract
- Workshop #3
Lecture #5

- Security design for distributed information systems
- Cryptographic methods in blockchains
- Bonus workshop
Lecture #6

- Blockchain components and security method
- Test #2
Lecture #7

- Security risk analysis of blockchain-based applications
- Workshop #4
Lecture #8

- Security risk analysis of healthcare applications
- Exam
THANK YOU